

What is claimed is:

- 1                    1.        An apparatus comprising:
  - 2                    a first signal path connected to a first plane via a plated hole;
  - 3                    a first metal flood connected to the plated hole to form a first plate;
  - 4                    a second signal path on a second plane; and
  - 5                    a second metal flood connected to the second signal path to form a
  - 6                    second plate above the first plate.
- 1                    2.        The apparatus of claim 1 wherein the first and second plates form a
- 2                    capacitance.
- 1                    3.        The apparatus of claim 1 wherein the first plate is connected at one of a
- 2                    first receiver end and a first driver end of the first signal path.
- 1                    4.        The apparatus of claim 1 wherein the second plate is connected at one of
- 2                    a second receiver end and a second driver end of the second signal path.
- 1                    5.        The apparatus of claim 4 wherein the first and second signal paths are
- 2                    adjacent to each other.
- 1                    6.        The apparatus of claim 1 wherein the first plane is one of a ground plane
- 2                    and a power plane.
- 1                    7.        The apparatus of claim 6 wherein the first metal flood is an isolated area
- 2                    in the first plane.
- 1                    8.        A method comprising:

2 connecting a first signal path to a first plane via a plated hole;  
3 forming a first plate by connecting a first metal flood to the plated hole;  
4 and  
5 connecting a second metal flood to a second signal path on a second  
6 plane to form a second plate above the first plate.

1 9. The method of claim 8 wherein the first and second plates form a  
2 capacitance.

1 10. The method of claim 8 wherein the first plate is connected at one of a  
2 first receiver end and a first driver end of the first signal path.

1 11. The method of claim 8 wherein the second plate is connected at one of a  
2 second receiver end and a second driver end of the second signal path.

1 12. The method of claim 11 wherein the first and second signal paths are  
2 adjacent to each other.

1 13. The method of claim 8 wherein the first plane is one of a ground plane  
2 and a power plane.

1 14. The method of claim 13 wherein the first metal flood is an isolated area in  
2 the first plane.

1 15. A system comprising:  
2 a through hole component to hold a component that is mounted on a  
3 board, the through hole component having one of a first receiver end and a first driver  
4 end; a signal carrying module coupled to the through hole component to carry signal,  
5 the signal carrying module comprising:

6 a first signal path connected to a first plane via a plated hole;  
7 a first metal flood connected to the plated hole to form a first plate;  
8 a second signal path on a second plane; and  
9 a second metal flood connected to the second signal path to form a  
10 second plate above the first plate.

1 16. The system of claim 15 wherein the first and second plates form a  
2 capacitance.

1 17. The system of claim 15 wherein the first plate is connected at one of the  
2 first receiver end and the first driver end of the first signal path.

1 18. The system of claim 15 wherein the second plate is connected at one of a  
2 second receiver end and a second driver end of the second signal path.

1 19. The system of claim 18 wherein the first and second signal paths are  
2 adjacent to each other.

1 20. The system of claim 15 wherein the first plane is one of a ground plane  
2 and a power plane.

1 21. The system of claim 20 wherein the first metal flood is an isolated area in  
2 the first plane.

1